Akin Akisanya

akinakisanya.com | akinakisanya@gmail.com | github.com/sanya-17 | linkedin.com/in/akisanya | (606) 909-2026

EDUCATION

University of Pittsburgh, B.S. Computer Engineering — **Apr. 2022**
Full Tuition Scholar, Dean's List, Honors College — **GPA**: 3.69/4.00
Relevant Coursework: Data Structures and Algorithms, Problem Solving with C++, Embedded Systems
Currently Enrolled: Computer Networks, Computer Organization and Architecture

---

SKILLS

- **Languages:** C++, Python, C, JavaScript, HTML / CSS, Assembly (ARM), VHDL, MATLAB
- **Technologies:** Git, Flask, SQLAlchemy, SQLite, Bootstrap, Selenium, Unix, Jinja

---

EXPERIENCE

Software and Controls Intern | *Eaton, South Milwaukee, WI* — **June 2020 – Aug. 2020**
- Increased the robustness of a SharePoint (SP) data table by using JavaScript (jQuery) and built-in SP capabilities to implement data field validation and parent-child relationships between columns
- Improved the usability of the table by adding over 20 columns for data that was previously stored in a legacy MS Access database, allowing users to filter on those columns using native SP functionality

Technical Consultant | *University of Pittsburgh I.T., Pittsburgh, PA* — **Aug. 2019 – Apr. 2020**
- Communicated effectively with students, faculty, and staff to provide in-person technical assistance
- Resolved over 190 cases involving O.S. repair, data recovery, virus removal, application installation, networking, and other areas

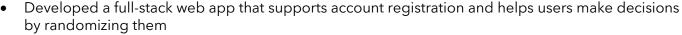**Software Development Intern** | *Hibersense, Pittsburgh, PA* — **May 2019 - Aug. 2019**
- Enhanced the JavaScript API used for communicating with smart thermostats, vents, and sensors by enabling functionality that was specified in the API documentation but not yet realized
- Ensured compliance with industry standards by implementing correct HTTP response status codes and pushed changes to the codebase using Git/Bitbucket
- Assembled over 500 system hardware components and ran Python scripts on a Raspberry Pi to test component functionality

---

PROJECTS

Personal Website: www.akinakisanya.com (for additional information)

Roulette | *Python, Flask, SQLAlchemy, HTML / CSS, Bootstrap* 🔗
- Developed a full-stack web app that supports account registration and helps users make decisions by randomizing them
- Utilized Flask and SQLAlchemy (connected to an SQLite database) for backend account management and Bootstrap for frontend styling

EzEnroll | *Python, Flask, Selenium, HTML / CSS* 🔗
- Built a Python/Flask web app that adds RateMyProfessor (RMP) support to Pitt class search
- Leveraged the Selenium library to scrape pertinent data on current course listings from the class search website and aggregated the results with RMP data

---

ACTIVITIES & AWARDS

Teaching Assistant | *ECE 0301: Problem Solving with C++* — **Aug. 2020 – Present**
- Assisting students in learning C++ topics like object-oriented programming, memory, and pointers

Fundraising Committee Member | *National Society of Black Engineers* — **Aug. 2019 - Present**
- Coordinate fundraising for Pitt's NSBE chapter to offset costs for the national convention by helping plan and execute events like the soul food fundraiser and Valentine's Day rose sale

JPMorgan Chase & Co Sophomore Edge Fellow | *Software Engineering Track* — **Feb. 2020**
- Selected as one of 400 sophomores to receive training in the world of banking and technology